

SEDAR 51 Assessment Workshop Webinar V
November 15, 2017 from 1:00 PM to 1:40 PM
Summary Report

A model run was presented, but the analyst was clear that this model run was not to be considered the base run. The model start date was set at 1945. Model parameterization is detailed in the summary for Webinar IV. Fecundity is set to spawning stock biomass instead of eggs.

Discard model fits are flat for the commercial handline fleet from Monroe County, at approximately 10%. Similar results are seen for landings outside of Monroe County, fit fits deteriorating back in time. Prior to 1991, the private fleet discards were assumed to be zero, after which they rise to about 10%. The Shore fleet discards are poorly estimated, with fits below the observed data.

Length composition fits are good across fleets, with the exception of those years with low sample sizes. Residuals from length composition data show the occasional unusually large fish; outside of these uncommon variances, the fits are good. Generally, there does appear to be a pattern of underestimating smaller sized fish and overestimating larger sized fish.

Model fits to the indices are typically good, with some occasional pulses missed by the model. Exceptions are the SEAMAP trawl and NMFS/FWRI video indices, which appear largely flat.

The model appears to be heavily influenced by the discard rate (80%) for the shore fishery, which is itself highly uncertain. This makes the shore fleet's discard mortality rate especially influential.

To-Do:

- Profile recruit parameters
- Jitter fixed parameters
- Jitter model starting date
- Sensitivity runs

The next Assessment Webinar will be the week of December 11, 2017 from 2:00 – 4:00 PM

Participants:

Julie Neer	Jeff Isely	Shannon Calay	Clay Porch
Ryan Rindone	Michael Drexler	Jim Tolan	Matt Smith
Joe West	Joe Powers	Mike Larkin	Adyan Rios
Skyler Sagarese	Nancie Cummings	Yuying Zhang	John Froeschke